

Abstract of the Disclosure

The present invention relates to compositions and methods useful for treating a carcinoma or viral infection in mammals, including humans. The methods and compositions typically comprise use of an immunogenic or immunomodulatory compound, and a gamma delta
5 T cell activator, such that the composition is effective for treating a carcinoma or viral infection. In a preferred aspect of the invention, the methods comprise use of a gamma delta T cell activator and a Mycobacterium antigen, which for example is an attenuated strain of Mycobacterium bovis (Bacillus Calmette-Guerin (BCG)).